

Figure 1A

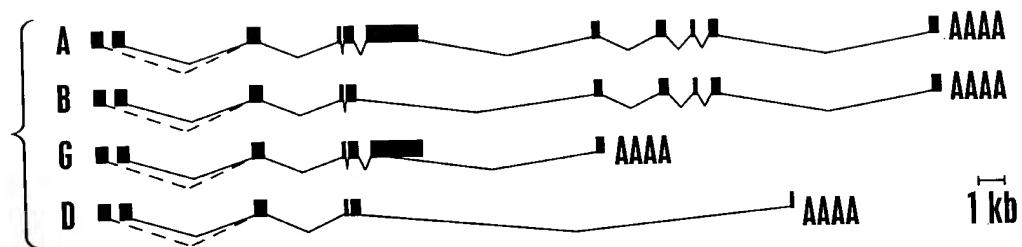


Figure 1B

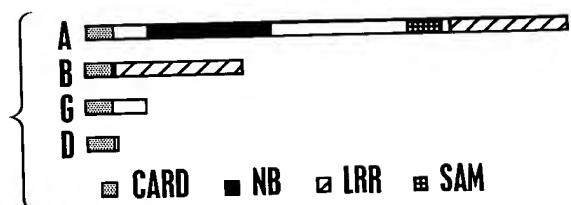


Figure 1C

CLANA	MNFIKDNSRALIQRMGMTVIKKQITDDLFWVNVLNREEVNIICCEKVEQDAARGIIHMILKKGSSES
CLANB	MNFIKDNSRALIQRMGMTVIKKQITDDLFWVNVLNREEVNIICCEKVEQDAARGIIHMILKKGSSES
CLANG	MNFIKDNSRALIQRMGMTVIKKQITDDLFWVNVLNREEVNIICCEKVEQDAARGIIHMILKKGSSES
CLAND	MNFIKDNSRALIQRMGMTVIKKQITDDLFWVNVLNREEVNIICCEKVEQDAARGIIHMILKKGSSES
CLANA	CNLFLKSLKEWNYPLFQDLNGQSLFHQTSEGDLDDLAQDLKDLYHTPSFLNFYPLGEDIDIIIFNL
CLANB	CNLFLKSLKEWNYPLFQDLNGQ-----
CLANG	CNLFLKSLKEWNYPLFQDLNGQSLFHQTSEGDLDDLAQDLKDLYHTPSFLNFYPLGEDIDIIIFNL
CLAND	CNLFLKSLKEWNYPLFQDLNGQSLFTA
CLANA	KSTFTEPILWRKDQHHHRVEQLTLNGILQALQSPCIIEGESGKGKSTLLQRIAMLGSGKCKALT
CLANB	-----
CLANG	KSTFTEPILWRKDQHHHRVEQLTLVL
CLANA	KFKFVFFRLSRAQGGLFETLCDQLDIPGTIRKQTFMAMLLKLRQRVIFLLDGYNEFKPQNCP
CLANB	-----
CLANA	I E A L I K E N H R E K N M V I V T T T E C L R H I R Q F G A L T A E V G D M T E D S A Q A L I R E V L I K E L A E G L L Q I
CLANB	-----
CLANA	Q K S R C L R N L M K T P L F V V I T C A I Q M G E S E F H S H T Q T T L F H T Y D L L I Q K N K H K H K G V A A S D F I R S L
CLANB	-----
CLANA	D H R G D L A L E G V F S H K F D F E L Q D V S S V N E D V L L T T G L L C K Y T A Q R F K P K Y K F F H K S F Q E Y T A G R R L
CLANB	-----
CLANA	S S L L T S H E P E E V T K G N G Y L Q K M V S I S D I T S T Y S L L R Y T C G S S V E A T R A V M K H L A A V Y Q H G C L L G
CLANB	-----
CLANA	L S I A K R P L W R Q E S L Q S V K N T T E Q E I L K A I N I N S F V E C G I H L Y Q E S T S K S A L S Q E F F E A F F Q G K S L Y
CLANB	-----
CLANA	I N S G N I P D Y L F D F F E H L P N C A S A L D F I K L D F Y G G A M A S W E K A A E D T G G I H M E E A P E T Y I P S R A V S
CLANB	-----
CLANA	L F F N W K Q E F R T L E V T L R D F S K L N K Q D I R Y L G K I F S S A T S L R L Q I K R C A G V A G S L S L V L S T C K N I Y
CLANB	-----
CLANA	S L M V E A S P L T I E D E R H I T S V T N L K T L S I H D L Q N Q R L P G C L T D S I G N L K N L T K L I M D N I K M N E E D A
CLANB	-----
CLANA	I K L A E G L K N L K K M C L F H L T H L S D I G E G M D Y I V K S L S S E P C D L E E I Q L V S C C L S A N A V K I L A Q N L H
CLANB	I K L A E G L K N L K K M C L F H L T H L S D I G E G M D Y I V K S L S S E P C D L E E I Q L V S C C L S A N A V K I L A Q N L H
CLANA	N L V K L S I L D L S E N Y L E K D G N E A L H E L I D R M N V L E Q L T A M L P W G C D V Q G S L S S L K H L E E V P Q L V
CLANB	N L V K L S I L D L S E N Y L E K D G N E A L H E L I D R M N V L E Q L T A M L P W G C D V Q G S L S S L K H L E E V P Q L V
CLANA	K L G L K N W R L T D T E I R I L G A F F G K N P L K N F Q Q L N I A G N R V S S D G W L A F M G V F E N L K O L V F F D F S T K
CLANB	K L G L K N W R L T D T E I R I L G A F F G K N P L K N F Q Q L N I A G N R V S S D G W L A F M G V F E N L K O L V F F D F S T K
CLANA	E F L P D P A L V R K L S Q V L S K L T F L Q E A R L V G W Q F D D D B L S V I T G A F K L V T A
CLANB	E F L P D P A L V R K L S Q V L S K L T F L Q E A R L V G W Q F D D D B L S V I T G A F K L V T A

Fig. 2

XKPGQPWSRRCGAAGLRGGATGQERVLSRQSRGGVRAAGGAERPRTRSRSPSRSSRE
SWPGVGLGVGAQAARG 18030 (76)

CEMCSQEAFQAORSQINELLVSGSIEGTESVIDWILLSDVNLSE

CARD-A

DYEGERHLLCOPLSHLARRMLDTWNKGTVACQLIAAAQEAQADSQSPKLHGCWDPHSLH

PARDLQSHRPALVRRLHSHVENVMDLAWERGEVSQYECDEIRLPIFTPSQR

CARD-B

ARRLDDLAT

VKANGLAAFILLOHVQELPVPLALPLE

AATCKKMAKLRTTVSAQSREFLSTYDGAETLCLE

DIYTENVLEVWADVGAGPPQKSPATLGLEELFSTPGHLNDDADTVLVVGEAGSGKSTLL

P-LOOP

QRLHLLWAAGQDFQEFLFVFPFSCROLOCMAKPLSVRTILLEFHCCWPDVQQEDIFQHLLD

NB-ARC

HDPDRVLLTFDGFDEFKFRFTDRERHCSPTDPTSVQTLLENLQGNLLKNARKVVTSRPAA

VSAFLRKVIRTEFNKGFSSEQIELYLRKRHHEPGVADRLIRLLOETSALHGLCHLPVFS

WWVSKCHQELLLQEGGSPKTTIDMYLLLICHFLLATPPDSASOGLGPSLLRCRIPUHH

LGRLALWGLGMCCYVESAQQLOAAQVSPDDISLGFL

Figure 3

COP	MADKVLKEKRKLF <small>I</small> HSMGEGTINGLLDELL	30
caspase-1	MADKVLKEKRKLF <small>I</small> RSMGEGTINGLLDELL	30
	QTRVLN <small>Q</small> EEMEKVKRENATVMDKTRALIDS	60
	QTRVLN <small>K</small> EEMEKVKRENATVMDKTRALIDS	60
	VIPKGAAQACQICITYICEEDSYLA <small>E</small> TLGLS	90
	VIPKGAAQACQICITYICEEDSYLAGTLGLS	90
	AGPIRGN 97	
	ADQTSGN 97	

Figure 4

<u>MADKVLLEKRKLLINSLGEGETINGLLDELLETNVLSQEDM</u>				Majority	
	10	20	30	40	
1	MADKVLKEKRKLF <small>I</small> RSMGEGTINGLLDELLQTRVLN <small>K</small> EEM				casp-1
1	M---ILLKKRRLLINSLGEGETINGLLDELLETNVLSQEDT				cop-2
<u>EIVKRENATVIDKARALLDSVIRKGAGACEICITYICEED</u>				Majority	
	50	60	70	80	
41	EKVKRENATVMDKTRALIDS <small>V</small> IPKGAAQACQICITYICEED				casp-1
38	EIVKCENVTVIDKARDLDSVIRKGAGACEICITYICEED				cop-2
<u>SYLAGTLGLSAGNAVQAGGGACSTSSGQDL</u>				Majority	
	90	100			
81	SYLAGTLGLSAPQAVQDNPAMP <small>T</small> SSG				casp-1
78	RYLAGTLGLSAGNDYRAGGICSPPRAQDL				cop-2

Figure 5

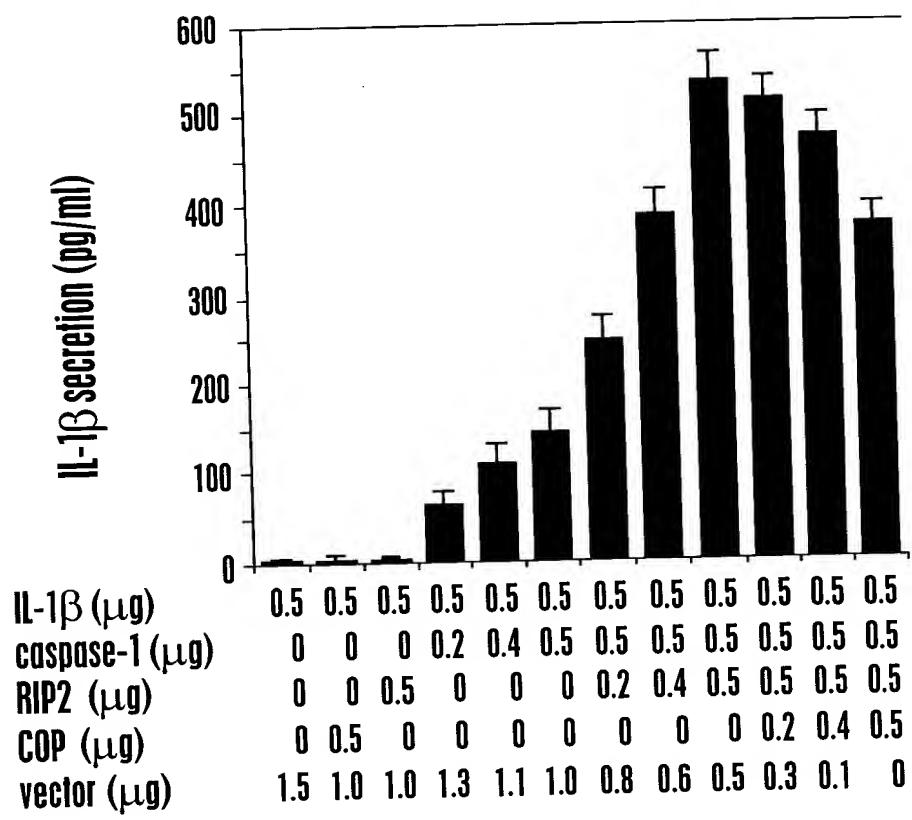


Figure 6